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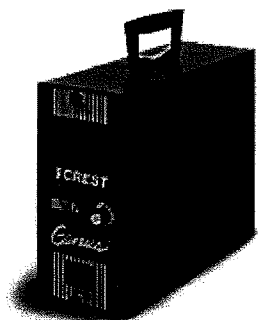
## Tanks, Generators and Immersible Transducers

Precision Ultrasonic Cleaning at its Best



A generator, transducer, and tank make up an ultrasonic cleaning system, and Crest's systems are designed to provide the most effective precision cleaning results.

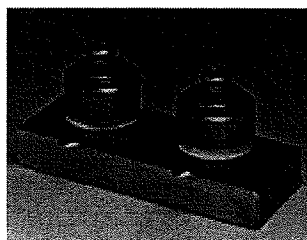
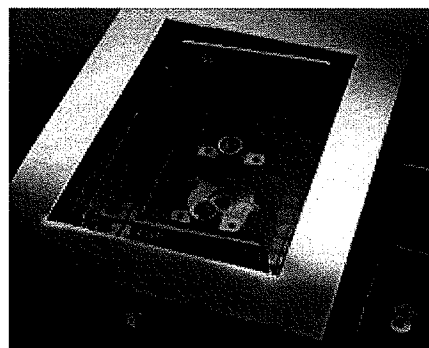
## Genesis™ Generators



- Outstanding and consistent performance, process control and the ability to monitor output for consistent cleaning time after time.
- TRU-SWEEP™ sweep frequency eliminates inconsistent cleaning by sweeping a +/- 1kHz around the center frequency at a set repetitive rate.
- Standard two power options to vary cleaning from gentle for delicate parts to periodic short blasts of power for hard to clean parts.
- 3 controls including Amplitude control to vary ultrasonic power, Duty Cycle Control to control the amount of ultrasonic energy delivered and Frequency control to adjust the frequency of the ultrasonic energy reducing audible noise from subharmonics.
- Available in 25, 40 or 68 kHz frequencies and in either 250 or 500 watt models.

## Transducerized Tanks

- Provides the optimum environment for precision cleaning with extended service life.
- Constructed of cavitation resistant, bright annealed 316L stainless steel.
- Welded inside and out for long-term stability and sturdy performance.
- Cove corner construction with ground and polished welds available.
- Sloped bottoms for easy draining.



### Vibra-Bar™ Transducers

These specially bonded, durable transducers offer enhanced cleaning performance. The Vibra-Bar design consists of two transducer stacks which permit simultaneous multiple frequencies. They are available in the form of transducerized tanks and separate immersibles which are fully sealed so they can be inserted into an existing tank to convert it into an ultrasonic cleaning system.

## Technical Information

### Genesis™ Ultrasonic Generators

**Power Output (watts)**

Model	Full Wave	Half Wave	Full & Half Wave	Max. Power Input 120V/50-60 Hz	Dimensions L x W x H	# of Plug-in Modules
G-250-3	250	125	500	3A/360W	5.25"x14"x12"	1
G-500-6	500	250	1000	5A/600W	5.25"x14"x12"	1
G-750-9	750	375	1500	8A/960W	10.5"x14"x12"	2
G-1000-12	1000	500	2000	10A/1200W	10.5"x14"x12"	2
G-1500-18	1500	750	3000	15A/1800W	15.75"x14"x12"	3
G-2000-24	2000	1000	4000	20A/2400W	21"x14"x12"	4

NOTE: Prefix X in model number should be substituted with a 2 (for 25 kHz) or 4 (for 40 kHz) when ordering. Last digits in model number indicate the number of Vibra-Bars on the unit.

**STANDARD FEATURES:** Amplitude control • sweep frequency.

**OPTIONS:** Power intensity control (duty cycle type) • Timer: 0-30 minutes • Other input voltages • Nema 12 enclosure • Sealed generator (coated with heat sink) • CWF watt frequency meter (generator mounted or remote) • Adjustable sweep frequency • Remote power control • Single channel computer interface (power monitor and control) • Three channel computer interface (amplitude, duty cycle, frequency control and power monitor).

**Transducerized Tanks**

Model	Capacity (Gallons)	Internal Dimensions W x L x D	Overall Dimensions W x L x H	Power Req. (heated tank)	Generator Required
HT-710-3	3	7"x10"x10"	10"x13"x14.5"	120V/4.2A/500W	250W
HT-1014-6	5	10"x14"x10"	13"x17"x14.5"	120V/8.4A/1000W	500W
HT-1218-9	10	12"x18"x12"	15"x21"x16.25"	240V/8.4A/2000W	750W
HT-1524-12	19	15"x24"x14"	18"x27"x18.75"	240V/12.6A/3000W	1000W
HT-1622-12	22	16"x22"x16"	19"x25"x20.75"	240V/12.6A/3000W	1000W
HT-1826-18	33	18"x26"x18"	21"x29"x22.75"	240V/16.8A/4000W	1500W
HT-2426-30	49	24"x26"x20"	27"x29"x24"	240V/21A/5000W	2500W
HT-2436-42	68	24"x36"x20"	27"x39"x24"	240V/34A/8000W	3500W
HT-2446-54	86	24"x46"x20"	27"x49"x24"	240V/42A/10,000W	4500W
HT-1236-24	34	12"x36"x20"	15"x39"x24"	240V/17A/4000W	2000W
HT-1246-30	43	12"x46"x20"	15"x49"x24"	240V/21A/5000W	2500W

NOTE: All tanks have 1" wide flange around top edge. Flange not included in overall dimensions. Prefix X in model number should be substituted with a 2 (for 25 kHz) or 4 (for 40 kHz) when ordering.

**OPTIONS:** Stainless steel tank cover • stainless steel work basket • water jacket • condensing collar • overflow well • cove corner construction • ground and polished welds • drain valve - ball type (brass or stainless steel) • recirculating filter system (brass or stainless steel) • matching rinse tank - no transducers (heated or unheated) • ChemCrest chemicals • custom sizes • sealed skirts • different voltages • sound dampening.

**Immersible Transducers**

Model*	Mounting Types Available*	Dimensions W x L x H**	Generator Required
CI-320-3	FC, EB, DBB	3.5"x20"x3"	250W
CI-710-3	FC, EB, BB	7"x10"x3"	250W
CI-720-6	FC, EB, DBB	7"x20"x3"	500W
CI-817-6	FC, EB, DBB	8"x17"x3"	500W
CI-1218-12	FC, DBB	12"x18"x3"	1000W

CI-732-12	FC, DBB	7"x32"x3"	1000W
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\* When ordering, add mounting type desired as model suffix (e.g. 4CI-710-3-EB)

\*\* Height listed is for 40 kHz. Height for 25 kHz is 4 ".

NOTE: Prefix X in model number should be substituted with a 2 (for 25 kHz) or 4 (for 40 kHz) when ordering.

**OPTIONS:** Titanium nitride coating • custom sizes.

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